CIVIL QUALITY CONSULTANTS & ENGINEERS
ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date:20.04.2022

TEST REPORT ON CEMENT

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID: :Cement (Dalmia 53 grade OPC)
Sample Supplied by: :AGENCY
Date of Manufacture: March-2022
Date of Testing 18.04.2022 to 20.04.2022

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	145 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	370 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	28.50%	-

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date 20.04.2022

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)

Material : Sand Total Wt. of Aggregates in gms **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	82	8.20	8.20	91.8	90-100
2.36	116	11.60	19.80	80.2	75-100
1.18	174	17.40	37.20	62.8	55-90
600 Micron	231	23.10	60.30	39.7	35-59
300 Micron	164	16.40	76.70	23.3	8-30
150 Micron	152	15.20	91.90	8.1	0-10

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date 20.04.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)

Material : 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	209	1.39	1.39	98.61	95-100
20	8321	55.47	56.87	43.13	30-70
10	3254	21.69	78.56	21.44	10-35
4.75	2678	17.85	96.41	3.59	0-5

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date 20.04.2022

TEST REPORT ON COARSE AGGREGATES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

IS Code :IS 383:2016

:IS 2386 (Part 1):1963(RA 2011)

Material : 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	205	4.1	4.1	95.9	95-100
10	2598	52.0	56.1	43.9	25-55
4.75	1743	34.9	90.9	9.1	0-10

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23

Date 20.04.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 1542-1992

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

Material : Sand(Plastering)

Total wt. of aggregat **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 1542-1992
10	0	0	0	100	100
4.75	19	1.90	1.90	98.1	95-100
2.36	21	2.10	4.00	96.0	95-100
1.18	34	3.40	7.40	92.6	90-100
600 Micron	76	7.60	15.00	85.0	80-100
300 Micron	218	21.80	36.80	63.2	20-65
150 Micron	512	51.20	88.00	12.0	0-15

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date 20.04.2022

TEST REPORT ON FINE AGGREGATES (SAND)
IS 2116-1980

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

Material : Sand(Masonry) Total wt. of aggregat **1000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Spec.Limits as per IS 2116-1980
4.75	0	0.00	0.00	100.0	100
2.36	23	2.30	2.30	97.7	90-100
1.18	17	1.70	4.00	96.0	70-100
600 Micron	62	6.20	10.20	89.8	40-100
300 Micron	239	23.90	34.10	65.9	5-70
150 Micron	524	52.40	86.50	13.5	0-15

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23

Date 20.04.2022

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

Size of Blocks : 400mm x 150mm x 200mm

Cross Sectional Area : 60000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3
1	Block 1	23.1	304.3	5.07	1925.00
2	Block 2	24.2	309.8	5.16	2016.67
3	Block 3	22.8	313.4	5.22	1900.00
4	Block 4	21.6	318.5	5.31	1800.00

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date 20.04.2022

TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Date of Testing 20.04.2022

Size of Blocks : 400mm x 200mm x 200mm

Cross Sectional Area : 80000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density in Kg/M^3
1	Block 1	32.5	402.5	5.03	2031.25
2	Block 2	33.8	413.8	5.17	2112.50
3	Block 3	34.2	422.5	5.28	2137.50
4	Block 4	34.6	430.8	5.39	2162.50

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date 20.04.2022

TEST REPORT OF PHYSICAL PROPERTIES OF REINFORCEMENT STEEL

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of Work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Steel Dia/Length: 8mm,10mm,12mm" TMT"

Reference to BIS codes: IS 1786:2008(RA 2013) High Strength Deformed Steel Bars and Wires for Concrete Reinforcement-Specification

IS 1608:2005 Metallic Materials- Tensile Testing at Ambient Temperature

Date of test: 20.04.2022

S.No	Brand	Nominal size (dia in mm)	Mass per meter (kg/meter)	TENSILE STRENGTH			
				0.20 % proof stress/ yield stress (N/mm^2)	Tensile strength (N/mm^2)	TS/YS ratio	Elongation , percent on gauge length
1	TMT	8	0.397	512	624	1.22	21
2	TMT	10	0.618	503	605	1.20	18
3	TMT	12	0.889	528	619	1.17	16
4	TMT	16	1.58	535	622	1.16	18.5
5	TMT	20	2.47	548	640	1.17	20

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 20.04.2022

TEST REPORT ON PVC PIPE

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of Work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample Supplied by	: AGENCY
BIS Code	IS 4985:2000
Sample Identification	PVC pipe 25mm dia
Date of Testing	20.04.2022

Sl.No	Test	Test Result	Requirements as per IS 4985:2000
1	Nominal Outer Diameter (mm)	25	25 mm
2	Mean Outside Diameter (mm)	25	Min 25 mm Max 25 mm
3	Outside Diameter at Any Point (mm)	25.2	Min 24.5 mm Max 25.5 mm

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date: 05.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	05.05.2022	8.002	362.3	16.10
2	28.04.2022	05.05.2022	8.039	378.5	16.82
3	28.04.2022	05.05.2022	8.097	389.2	17.30

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date: 05.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	05.05.2022	8.124	354.2	15.74
2	28.04.2022	05.05.2022	8.157	370.3	16.46
3	28.04.2022	05.05.2022	8.193	384.2	17.08

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date: 05.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	05.05.2022	8.013	356.2	15.83
2	28.04.2022	05.05.2022	8.065	364.1	16.18
3	28.04.2022	05.05.2022	8.098	378.8	16.84

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23 Date: 05.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	05.05.2022	8.104	366.9	16.31
2	28.04.2022	05.05.2022	8.118	368.9	16.40
3	28.04.2022	05.05.2022	8.135	356.2	15.83

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Lab No.: CQCE/BBMP/DM/16/2022-23 Date: 05.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	05.05.2022	8.154	352.2	15.65
2	28.04.2022	05.05.2022	8.167	367.7	16.34
3	28.04.2022	05.05.2022	8.193	380.4	16.91

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Lab No.: CQCE/BBMP/DM/16/2022-23 Date: 13.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	13.05.2022	8.021	354.6	15.76
2	06.05.2022	13.05.2022	8.008	363.3	16.15
3	06.05.2022	13.05.2022	8.047	375.2	16.68

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23

Date: 13.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	13.05.2022	8.098	350.5	15.58
2	06.05.2022	13.05.2022	8.051	368.4	16.37
3	06.05.2022	13.05.2022	8.012	382.3	16.99

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Date: 13.05.2022

Job No.: CQCE/BBMP/DM/16/2022-23

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	13.05.2022	8.069	357.8	15.90
2	06.05.2022	13.05.2022	8.099	370.2	16.45
3	06.05.2022	13.05.2022	8.117	381.4	16.95

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Lab No.: CQCE/BBMP/DM/16/2022-23 Date: 13.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	13.05.2022	8.126	351.1	15.60
2	06.05.2022	13.05.2022	8.149	366.8	16.30
3	06.05.2022	13.05.2022	8.185	379.8	16.88

Note:

1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/DM/16/2022-23

Date: 13.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	13.05.2022	8.142	382.5	17.00
2	06.05.2022	13.05.2022	8.039	364.1	16.18
3	06.05.2022	13.05.2022	8.108	375.3	16.68

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Lab No: CQCE/BBMP/DM/16/2022-23 Date: 19.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	19.05.2022	8.055	342.6	15.23
2	12.05.2022	19.05.2022	8.012	351.9	15.64
3	12.05.2022	19.05.2022	8.081	363.7	16.16

Note:
1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Lab No: CQCE/BBMP/DM/16/2022-23 Date: 19.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	19.05.2022	8.101	359.4	15.97
2	12.05.2022	19.05.2022	8.129	366.1	16.27
3	12.05.2022	19.05.2022	8.178	377.1	16.76

Note:
1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref No: CQCE/BBMP/DM/16/2022-23

Date: 19.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	19.05.2022	8.038	369.5	16.42
2	12.05.2022	19.05.2022	8.005	354.8	15.77
3	12.05.2022	19.05.2022	8.101	346.5	15.40

Note:

1. The material is satisfied as per the requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref No.: CQCE/BBMP/DM/16/2022-23 Date: 19.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	19.05.2022	7.175	360.5	16.02
2	12.05.2022	19.05.2022	8.192	354.1	15.74
3	12.05.2022	19.05.2022	8.120	344.1	15.29

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

S.No: CQCE/BBMP/DM/16/2022-23

Date: 19.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	19.05.2022	8.110	370.4	16.46
2	12.05.2022	19.05.2022	8.077	388.5	17.27
3	12.05.2022	19.05.2022	8.149	362.4	16.11

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/DM/16/2022-23

Date: 27.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	27.05.2022	8.190	352.2	15.65
2	20.05.2022	27.05.2022	8.165	367.9	16.35
3	20.05.2022	27.05.2022	8.134	382.1	16.98

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

S.No: CQCE/BBMP/DM/16/2022-23

Date: 27.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	27.05.2022	8.065	363.9	16.17
2	20.05.2022	27.05.2022	8.018	350.8	15.59
3	20.05.2022	27.05.2022	8.101	342.2	15.21

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/DM/16/2022-23

Date: 27.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	27.05.2022	8.171	348.7	15.50
2	20.05.2022	27.05.2022	8.144	356.5	15.84
3	20.05.2022	27.05.2022	8.113	379.9	16.88

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/DM/16/2022-23

Date: 27.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	27.05.2022	8.115	367.9	16.35
2	20.05.2022	27.05.2022	8.100	350.5	15.58
3	20.05.2022	27.05.2022	8.089	342.1	15.20

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/DM/16/2022-23

Date: 27.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	27.05.2022	8.100	348.8	15.50
2	20.05.2022	27.05.2022	8.018	363.9	16.17
3	20.05.2022	27.05.2022	8.064	355.1	15.78

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

C2CE/BBMP/DM/16/2022-23

Date: 26.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: Assistant Executive Engineer, Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: Sri. Damodar Manjunath (M/s.K.Damodar And Co), Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	26.05.2022	8.102	508.9	22.62
2	28.04.2022	26.05.2022	8.163	516.4	22.95
3	28.04.2022	26.05.2022	8.052	527.3	23.44

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/DM/16/2022-23

Date: 26.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	26.05.2022	8.019	502.6	22.34
2	28.04.2022	26.05.2022	8.068	523.6	23.27
3	28.04.2022	26.05.2022	8.115	496.4	22.06

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

...C/BBMP/DM/16/2022-23

Date: 26.05.2022

...T REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
...gency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	26.05.2022	8.188	519.5	23.09
2	28.04.2022	26.05.2022	8.124	505.7	22.48
3	28.04.2022	26.05.2022	8.103	528.8	23.50

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Ref: CQCE/BBMP/DM/16/2022-23

Date: 26.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	26.05.2022	8.186	500.6	22.25
2	28.04.2022	26.05.2022	8.153	523.1	23.25
3	28.04.2022	26.05.2022	8.117	510.5	22.69

Note:

1. The material is satisfied as per the requirements.

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CQCE/BBMP/DM/16/2022-23

Date: 26.05.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	28.04.2022	26.05.2022	8.100	522.9	23.24
2	28.04.2022	26.05.2022	8.126	536.4	23.84
3	28.04.2022	26.05.2022	8.149	509.7	22.65

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/DM/16/2022-23

Date: 03.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	03.06.2022	8.132	500.1	22.23
2	06.05.2022	03.06.2022	8.160	530.4	23.57
3	06.05.2022	03.06.2022	8.197	525.9	23.37

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/DM/16/2022-23

Date: 03.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	03.06.2022	8.012	511.6	22.74
2	06.05.2022	03.06.2022	8.037	529.4	23.53
3	06.05.2022	03.06.2022	8.086	533.7	23.72

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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CQCE/BBMP/DM/16/2022-23

Date: 03.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	03.06.2022	8.111	531.2	23.61
2	06.05.2022	03.06.2022	8.189	506.7	22.52
3	06.05.2022	03.06.2022	8.142	518.9	23.06

Note:

1. The material is satisfied as per the requirements.

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Ref: CQCE/BBMP/DM/16/2022-23

Date: 03.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	03.06.2022	8.051	495.5	22.02
2	06.05.2022	03.06.2022	8.008	486.3	21.61
3	06.05.2022	03.06.2022	8.094	507.4	22.55

Note:

1. The material is satisfied as per the requirements.

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CQCE/BBMP/DM/16/2022-23

Date: 03.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.05.2022	03.06.2022	8.162	513.9	22.84
2	06.05.2022	03.06.2022	8.091	527.5	23.44
3	06.05.2022	03.06.2022	8.135	526.7	23.41

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/DM/16/2022-23

Date: 09.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	09.06.2022	8.099	494.3	21.97
2	12.05.2022	09.06.2022	8.104	487.2	21.65
3	12.05.2022	09.06.2022	8.156	512.2	22.76

Note:
1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Ref: CQCE/BBMP/DM/16/2022-23

Date: 09.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	09.06.2022	8.170	521.6	23.18
2	12.05.2022	09.06.2022	8.026	510.3	22.68
3	12.05.2022	09.06.2022	8.094	500.8	22.26

Note:

1. The material is satisfied as per the requirements.

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No: CQCE/BBMP/DM/16/2022-23

Date: 09.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	: **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	09.06.2022	8.045	519.9	23.11
2	12.05.2022	09.06.2022	8.011	505.7	22.48
3	12.05.2022	09.06.2022	8.089	526.6	23.40

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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No: CQCE/BBMP/DM/16/2022-23

Date: 09.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{20}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	09.06.2022	8.121	501.6	22.29
2	12.05.2022	09.06.2022	8.165	517.8	23.01
3	12.05.2022	09.06.2022	8.187	530.6	23.58

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Ref: CQCE/BBMP/DM/16/2022-23

Date: 09.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	12.05.2022	09.06.2022	8.066	480.4	21.35
2	12.05.2022	09.06.2022	8.025	499.5	22.20
3	12.05.2022	09.06.2022	8.108	507.8	22.57

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

CQCE/BBMP/DM/16/2022-23

Date: 17.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.

Agency : **Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.

Name of the work : Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{30}

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	17.06.2022	8.196	524.6	23.32
2	20.05.2022	17.06.2022	8.171	503.2	22.36
3	20.05.2022	17.06.2022	8.143	494.1	21.96

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

No: CQCE/BBMP/DM/16/2022-23

Date: 17.06.2022

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
Agency	**: Sri. Damodar Manjunath (M/s.K.Damodar And Co),** Contractor, Bangalore.
Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	17.06.2022	8.101	498.5	22.16
2	20.05.2022	17.06.2022	8.167	507.4	22.55
3	20.05.2022	17.06.2022	8.123	516.2	22.94

Note:

1. The material is satisfied as per the requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	17.06.2022	8.047	515.7	22.92
2	20.05.2022	17.06.2022	8.018	526.1	23.38
3	20.05.2022	17.06.2022	8.096	538.4	23.93

Note:

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	17.06.2022	8.100	491.5	21.84
2	20.05.2022	17.06.2022	8.053	500.2	22.23
3	20.05.2022	17.06.2022	8.017	517.3	22.99

Note:
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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yeshwanthpur Sub Division, BBMP, Bangalore.
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Name of the work	: Additional Works to Jalahalli Govt School in ward no. 16, BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{30}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	20.05.2022	17.06.2022	8.111	527.5	23.44
2	20.05.2022	17.06.2022	8.076	533.1	23.69
3	20.05.2022	17.06.2022	8.041	514.8	22.88

Note:

1. The material is satisfied as per the requirements.

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